

RAW SEQUENCE LISTING

3 <110> APPLICANT: Qiu, Bo

PATENT APPLICATION: US/09/982,264

TIME: 13:44:17

Input Set : A:\271-288.txt

Output Set: N:\CRF3\03052002\1982264.raw

```
Stein, Stanley
 5
        Brunner, Michael
        Katz, Michael
 7
        Zhang, Guobao
        Sigal, Leonard
10 <120> TITLE OF INVENTION: Immunological Test Kit with Borellia burgdorferi Epitope
12 <130> FILE REFERENCE: 271/288
14 <140> CURRENT APPLICATION NUMBER: 09/982,264
15 <141> CURRENT FILING DATE: 2001-10-17
17 <160> NUMBER OF SEQ ID NOS: 7
19 <170> SOFTWARE: PatentIn version 3.1
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 13
23 <212> TYPE: PRT
24 <213> ORGANISM: Borellia burgdorferi
26 <400> SEQUENCE: 1
28 Val Gln Glu Gly Val Gln Gln Glu Gly Ala Gln Gln Pro
29 1
32 <210> SEQ ID NO: 2
33 <211> LENGTH: 16
34 <212> TYPE: PRT
35 <213> ORGANISM: Borellia burgdorferi
37 <400> SEQUENCE: 2
39 Glu Ile Ala Ala Lys Ala Ile Gly Lys Lys Ile His Gln Asn Asn Gly
                                       10
43 <210> SEQ ID NO: 3
44 <211> LENGTH: 15
45 <212> TYPE: PRT
46 <213> ORGANISM: Borellia burgdorferi
48 <400> SEQUENCE: 3
50 Ile Ser Thr Leu Ile Lys Gln Lys Leu Asp Gly Leu Lys Asn Glu
54 <210> SEQ ID NO: 4
55 <211> LENGTH: 11
56 <212> TYPE: PRT
57 <213> ORGANISM: Borellia burgdorferi
59 <400> SEQUENCE: 4
61 Pro Val Val Ala Glu Ser Pro Lys Lys Pro Glu
62 1
65 <210> SEQ ID NO: 5
66 <211> LENGTH: 15
```

67 <212> TYPE: PRT

RAW SEQUENCE LISTING DATE: 03/05/2002 PATENT APPLICATION: US/09/982,264 TIME: 13:44:17

Input Set : A:\271-288.txt

Output Set: N:\CRF3\03052002\1982264.raw

- 68 <213> ORGANISM: Borellia burgdorferi 70 <400> SEQUENCE: 5 72 Asp Lys Lys Ala Ile Asn Leu Asp Lys
- 72 Asp Lys Lys Ala Ile Asn Leu Asp Lys Ala Gln Gln Lys Leu Asp 73 1 5 10 15
- 76 <210> SEQ ID NO: 6
- 77 <211> LENGTH: 12 78 <212> TYPE: PRT
- 79 <213> ORGANISM: Borellia burgdorferi
- 81 <400> SEQUENCE: 6
- 83 Ile Thr Lys Gly Lys Ser Gln Lys Ser Leu Gly Asp
- 34 1 5 10
- 87 <210> SEQ ID NO: 7
- 88 <211> LENGTH: 14
- 89 <212> TYPE: PRT
- 90 <213> ORGANISM: Borellia burgdorferi
- 92 <400> SEQUENCE: 7
- 94 Gly Met Thr Phe Arg Ala Gln Glu Gly Ala Phe Leu Thr Gly
- 95 1 5 10

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/982,264

DATE: 03/05/2002 TIME: 13:44:18

Input Set : A:\271-288.txt

Output Set: N:\CRF3\03052002\1982264.raw